

CLAIMS

What is claimed is:

- 1 1. A method for restricting lanes in a supply chain management framework,
2 comprising:
3 a) displaying a plurality of distribution centers of a supply chain utilizing a graphical
4 user interface;
5 b) designating a lane restriction of each of the distribution centers utilizing the
6 graphical user interface; and
7 c) conditionally involving the distribution centers in a supply chain analysis based
8 on the designation.
- 1 2. The method of claim 1, wherein it is determined whether a supplier site has been
2 excluded from the supply chain analysis, and the lane is involved in the supply
3 chain analysis based on determination.
- 1 3. The method of claim 1, wherein the lane is allocated prior to the supply chain
2 analysis upon the lane restriction of the distribution centers being designated as
3 required.
- 1 4. The method of claim 1, wherein the lane is excluded during the supply chain
2 analysis upon the lane restriction of the distribution centers being designated as
3 excluded.
- 1 5. The method of claim 1, wherein the lane is included during the supply chain
2 analysis upon the lane restriction of the distribution centers being designated as to
3 be solved.
- 1 6. The method of claim 1, wherein the designation is received utilizing a network.

- 1 7. A system for restricting lanes in a supply chain management framework,
2 comprising:
 - 3 a) logic for displaying a plurality of distribution centers of a supply chain utilizing a
4 graphical user interface;
 - 5 b) logic for designating a lane restriction of each of the distribution centers utilizing
6 the graphical user interface; and
 - 7 c) logic for conditionally involving the distribution centers in a supply chain analysis
8 based on the designation.
- 1 8. The system of claim 7, wherein it is determined whether a supplier site has been
2 excluded from the supply chain analysis, and the lane is involved in the supply
3 chain analysis based on determination.
- 1 9. The system of claim 7, wherein the lane is allocated prior to the supply chain
2 analysis upon the lane restriction of the distribution centers being designated as
3 required.
- 1 10. The system of claim 7, wherein the lane is excluded during the supply chain
2 analysis upon the lane restriction of the distribution centers being designated as
3 excluded.
- 1 11. The system of claim 7, wherein the lane is included during the supply chain
2 analysis upon the lane restriction of the distribution centers being designated as to
3 be solved.
- 1 12. The system of claim 7, wherein the designation is received utilizing a network.
- 1 13. A computer program product for restricting lanes in a supply chain management
2 framework, comprising:

- 3 a) computer code for displaying a plurality of distribution centers of a supply chain
4 utilizing a graphical user interface;
- 5 b) computer code for designating a lane restriction of each of the distribution centers
6 utilizing the graphical user interface; and
- 7 c) computer code for conditionally involving the distribution centers in a supply
8 chain analysis based on the designation.

1 14. The computer program product of claim 13, wherein it is determined whether a
2 supplier site has been excluded from the supply chain analysis, and the lane is
3 involved in the supply chain analysis based on determination.

1 15. The computer program product of claim 13, wherein the lane is allocated prior to
2 the supply chain analysis upon the lane restriction of the distribution centers being
3 designated as required.

1 16. The computer program product of claim 13, wherein the lane is excluded during
2 the supply chain analysis upon the lane restriction of the distribution centers being
3 designated as excluded.

1 17. The computer program product of claim 13, wherein the lane is included during
2 the supply chain analysis upon the lane restriction of the distribution centers being
3 designated as to be solved.

1 18. The computer program product of claim 13, wherein the designation is received
2 utilizing a network.